

WHAT IS CLAIMED IS:

1. Electronics comprising:
  - a display portion switching and displaying a two-dimensional image and a three-dimensional image;
  - a detection portion detecting a variation in position of said
  - 5 electronics; and
  - a switching portion operative in response to said detection portion detecting said variation to switch a screen displayed on said display portion from a three-dimensional image to a two-dimensional image.
2. The electronics of claim 1, further comprising an alarm setting portion, wherein when an alarm set by said alarm setting portion is issued, said switching portion switches a screen displayed on said display portion from a screen in a three-dimensional image to an alarm notice screen in a
- 5 two-dimensional image.
3. The electronics of claim 1, including at least one of a phone call reception portion and a mail reception portion, wherein when said phone call reception portion receives a phone call or said mail reception portion receives mail, said switching portion switches a screen displayed on said
- 5 display portion from a screen in a three-dimensional image to a phone call or mail reception screen in a two-dimensional image.
4. Electronics comprising:
  - a display portion selectively switching and displaying a two-dimensional image and a three-dimensional image; and
  - a portion compulsorily switching a representation, compulsorily
  - 5 switching to a two-dimensional image a three-dimensional image displayed on said display portion.
5. The electronics of claim 4, wherein the three-dimensional image displayed on said display portion is an idle screen in a three-dimensional

image.

6. The electronics of claim 4, wherein:

said portion compulsorily switching a representation includes a key entry portion; and

5 when said display portion displays a three-dimensional image and said key entry portion is operated, said portion compulsorily switching a representation operates in response to a key entry operation via said key entry portion to compulsorily switch said three-dimensional image to a two-dimensional image.

7. The electronics of claim 6, wherein the three-dimensional image displayed on said display portion is an idle screen in a three-dimensional image.

8. The electronics of claim 4, wherein:

said portion compulsorily switching a representation includes a time counting portion;

5 said time counting portion counts a time of displaying a three-dimensional image on said display portion; and

when said display portion displays a three-dimensional image for a predetermined period of time, said portion compulsorily switching a representation switches said three-dimensional image on said display portion compulsorily to a two-dimensional image.

9. The electronics of claim 8, wherein the three-dimensional image displayed on said display portion is an idle screen in a three-dimensional image.

10. Electronics comprising:

a display portion selectively switching and displaying a two-dimensional image and a three-dimensional image;

a key entry portion for operation operated for input;

5 a control portion controlling switching between two-dimensional and  
three-dimensional formats, operative, with said display portion displaying a  
screen in a three-dimensional image, in response to an entry via at least any  
key of said key entry portion to effect a process corresponding to said entry,  
and an entry via a key other than said any key to switch said screen on said  
10 display portion in the three-dimensional image to a screen in a two-  
dimensional image.

11. The electronics of claim 10, wherein data for displaying said  
screen in said 3D image displayed on said display portion and data for  
displaying said screen in said 2D image displayed on said display portion  
are identical.

12. Electronics comprising:  
a display portion depending on a selection of formation of a  
parallactic optical system to switch and display a two-dimensional image  
and a three-dimensional image;

5 a representation switching portion issuing an instruction to switch a  
representation on said display portion between a two-dimensional image  
and a three-dimensional image associated with the parallactic optical  
system; and  
a data generation portion operative in response to said instruction to  
10 generate data of an indication in a two-dimensional image and data of an  
indication in a three-dimensional image from single data.

13. The electronics of claim 12, wherein:  
said single data is configured of image data of a plurality of  
eyepoints; and

5 said data generation portion generates said data of said indication in  
said two-dimensional image from one of said image data of one of said  
plurality of eyepoints.

14. The electronics of claim 12, wherein:

said single data is configured of image data of a plurality of eyepoints;

5       said data generation portion generates said data of said indication in said two-dimensional image from a selectively, at least partially extracted portion of said image data of each said eyepoint.

15.   The electronics of claim 12, wherein:

      said single data is configured of image data of a two-dimensional image and said data of said indication in said three-dimensional image includes image data of a plurality of eyepoints; and

5       said data generation portion generates said image data of said plurality of eyepoints from said image data of said two-dimensional image.

16.   The electronics of claim 12, wherein said display portion is configured to include a liquid crystal device electrically selecting a presence/absence of formation of a parallax optical system.

17.   The electronics of claim 16, wherein said liquid crystal device is configured of a two-dimension/three-dimension switching liquid crystal device and a patterned phase difference plate.

18.   The electronics of claim 16, wherein said liquid crystal device is configured of a liquid crystal device selectively displaying a pattern of a parallax barrier.

19.   Electronics with a first casing and a second casing linked to allow said electronics to be foldable, comprising:

5       a first display portion located inside with said electronics folded, and selectively switching and displaying a two-dimensional image and a three-dimensional image;

      a second display portion located outside with said electronics folded, and displaying a two-dimensional image; and

      a control portion operative in response to said electronics being

folded or opened to switch an indication of an idle screen on said first display  
10 portion in a three-dimensional image and that of an idle screen on said  
second display portion in a two-dimensional image.

20. The electronics of claim 19, wherein:  
said control portion includes an open/close detection portion  
detecting said electronics being open, and a detection portion detecting an  
idle screen in a three-dimensional image having been set; and  
5 said control portion causes said first display portion to display said  
idle screen in said three-dimensional image based on said electronics's  
opening operation detected by said open/close detection portion and a setting  
of an idle screen in a three-dimensional image detected by said detection  
portion.

21. The electronics of claim 19, wherein an idle screen displayed by  
said first display portion in a three-dimensional image and that displayed by  
said second display portion in a two-dimensional image are substantially  
identical in content.

22. The electronics of claim 19, wherein data displayed by said  
second display portion for an idle screen in a two-dimensional image is data  
displayed by said first display portion for an idle screen in a three-  
dimensional image that is converted for a two-dimensional image.